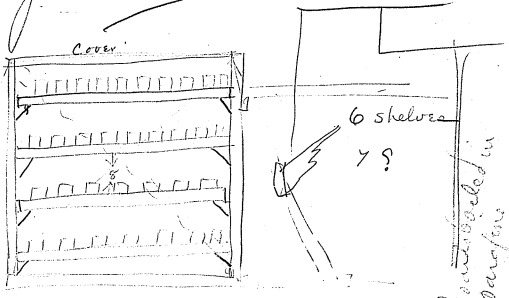
# UNBOUND NOTES AND DRAWINGS
# 1896

"Cable Address "Edison, New York."

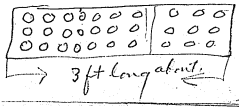
No 823

From the Laboratory
of
Thomas A. Edison.

Subject, Gft 200 in Crate Orange, N.J.




Each bottle takes up 4 inches square. or 9 bottles to square foot,

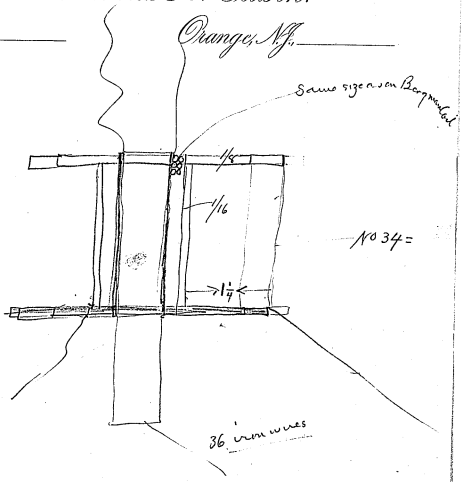



board bored
down 1/2 inch
board to hold bottle

"Cable Address" "Edison, New York."

From the Laboratory
of
Thomas A. Edison.

Subject, _____ Orange, N.J., _____




No 34=

Cord for fluorescent lamp

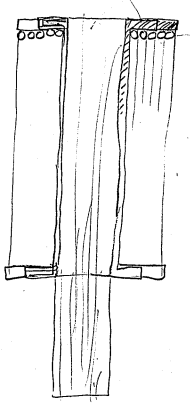
"Cable Address" "Edison, New York"

From the Laboratory
of
Thomas A. Edison.

Orange, N.J.

Subject, Hard rubber.

36 turns.



5 layers cotton wire same as Bergmann primary Coil - Each layer insulated with Empire paper -

Export fluorescent Lamps -

Cable Address "Edison, New York"

From the Laboratory of
Thomas A. Edison.

Subject. _____ Orange, N.J. _____

July 6 9

1

No hurry for this but to one of the things in making up —

John —

The coil now used in the room covered with white paper has an iron core of wires too large — please have a core made of No 36 iron wire straightened well and very slightly oxidized — also have a paper core made and filled with Ogden Concentrate packed in tight & then heated & melted paraffine poured in to bind it together — I want it so I can pull out the iron core & insert this one = Mr Bergmann Carl is Getten was that understood of the one in the room —

Cable Address "Edison, New York."

1896

July 6. 96

From the Laboratory
of
Thomas A. Edison.

Subject, _____ Orange, N.J., _____

2

Put the Vitascope model already made — somewhere where no one will see it, perhaps you better take the new movement off & put it in your Cupboard = When you have tested the big Vitascope and got through with it don't let it lay around where everybody can see it but put it away =

---

We want a small wooden box for X ray lamps — putting

Cable Address "Edison, New York."

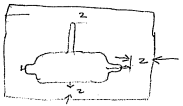
From the Laboratory
of
Thomas A. Edison.

Subject. _____ Orange, N.J. _____

3

3

(in one lamp in box with Excelsior
2 inches all around




(You can speak to Gilmore about getting
them = after you have got a model
box =

(Dont put the Tesla Coil in oil
till I get back =

"Cable Address" "Edison, New York."

July 6, 04

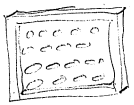
From the Laboratory
of
Thomas A. Edison.

4

Subject. _____ Orange, N.J. _____

4

I want 50 more frames made for putting chemicals on that slips into the fluoroscope — Fred Ott made the last



Make them exact same size of those in chest in X ray room + have another chest made also ——

Call Address "Edison, New York"

From the Laboratory
of
Thomas A. Edison.

Subject. _____ Orange, N.J. _____

(5)

The Ogden men will go away next Thursday or Friday & I want Dick & Tom to clean up the big shop — pick up all tools etc from benches, under benches, & in drawers & return to tool room — also to clean up machinery The place looks like a hog pen — all the old barrels & bars are to be taken outside The Model Magnetic Separator taken out of shop & put outside The old bricks & other truck put in Cellar — Dont hire any men

Cable Address "Edison, Newark."

6.1

July 6, 04

From the Laboratory
of
Thomas A. Edison.

6

Subject, _____ Orange, N.J., _____

6

to help as I want to Employ Tom
a Duck at this, also you might
have them clean up the shop up
stairs & get it in some order —

The piano in Freddy's room should
be taken upstairs in the work
room —

Freddy's room should also
be cleaned up —

"Cable Address "Edison, New York."

8

July 6. 95 10 AM

From the Laboratory
of
Thomas A. Edison.

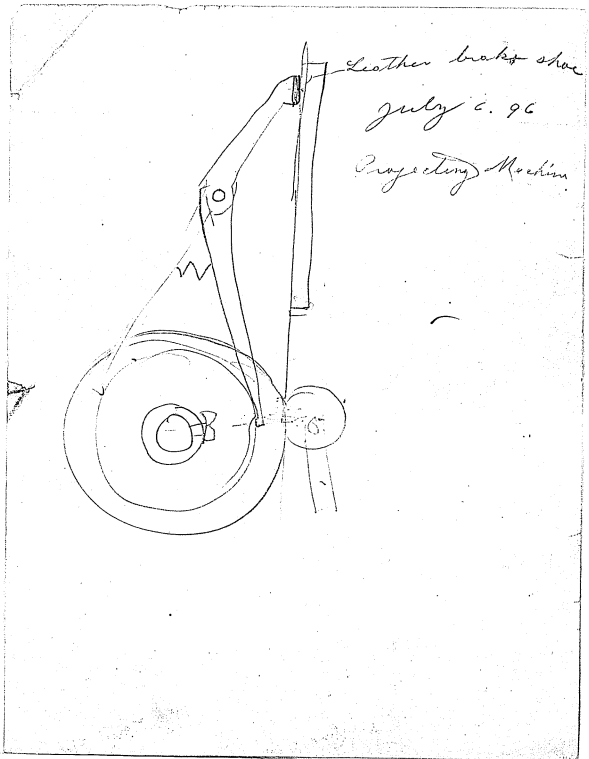
Subject. _____ Orange, N.J. _____

John -

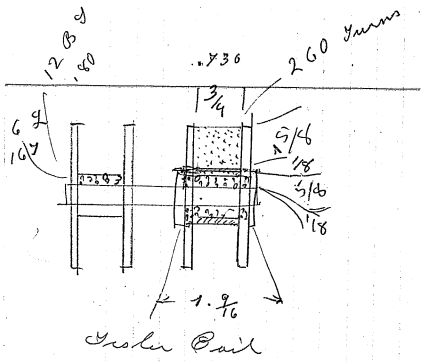
I ordered boards & a rack for those 1400 small vials with chemicals - Have the rack finished and the bottles put in place - Fred ott knows about it,

The Young man with Dick is a student we dont pay him anything, when he gets through with the chemicals you can use him to straighten 36 iron wire ~~for~~ cores & other things about the place -

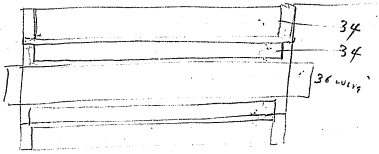
He & your boy might be used to test the autographic -


Leather brake shoe
July c. 96
Projecting Machine.

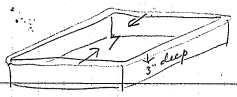
[CA. AUGUST-SEPTEMBER 1896]



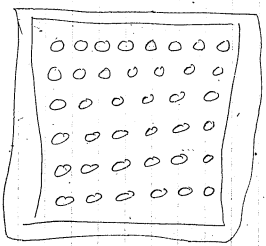
Finished

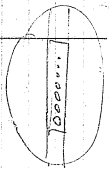



1 fluorescent




7x7

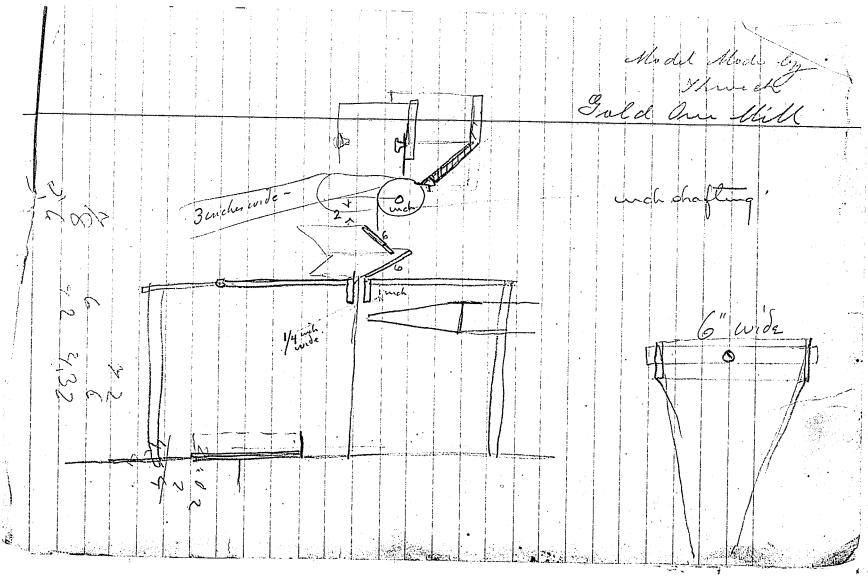


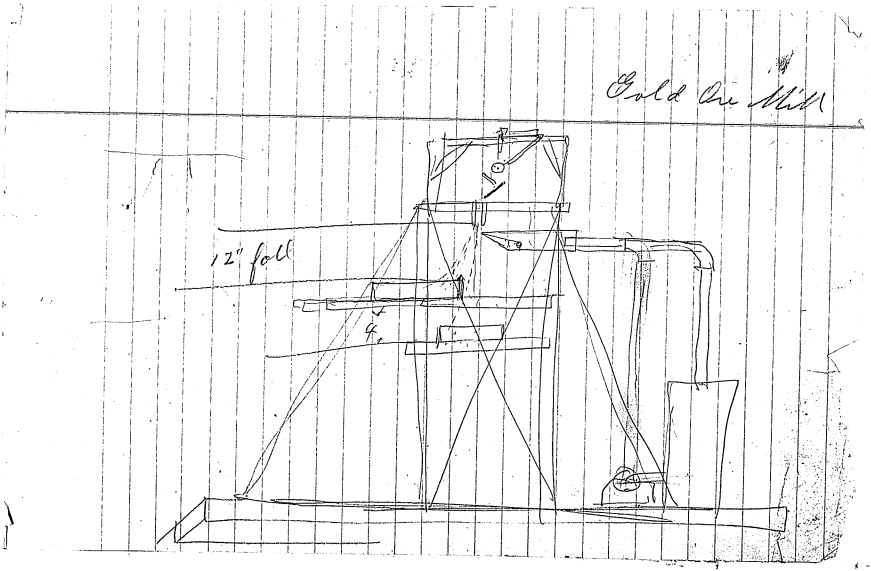


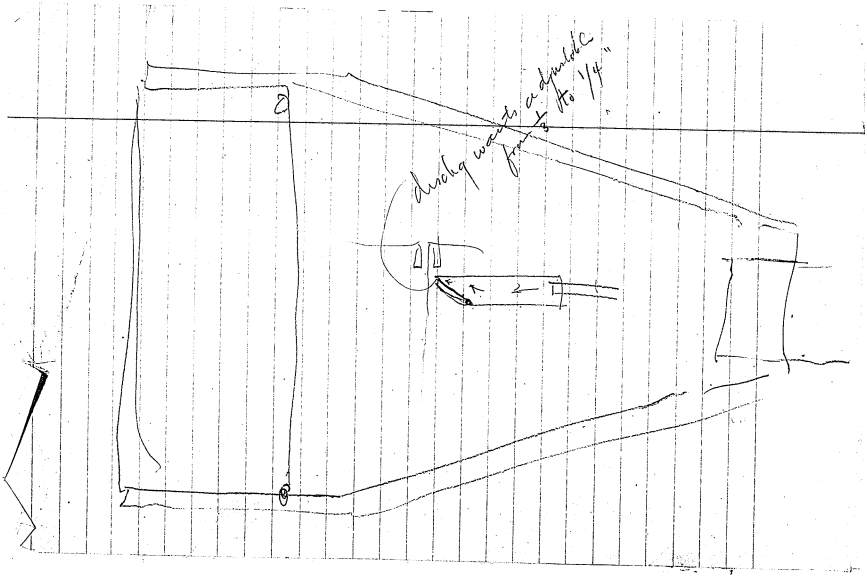
123
92
72
58
45
35
27
20
15
12
9
7
5

13 Scissors

Model made by
Mr. Rogers


Model Made by
Gold Ore Mill
inch shafting
3 inches wide
1 inch
1/4 inch wide
6" wide


Gold Arc Mill
12" fold


double weight or dynamic
from 1/8 to 1/4"

Cable Address "Edison, New York."

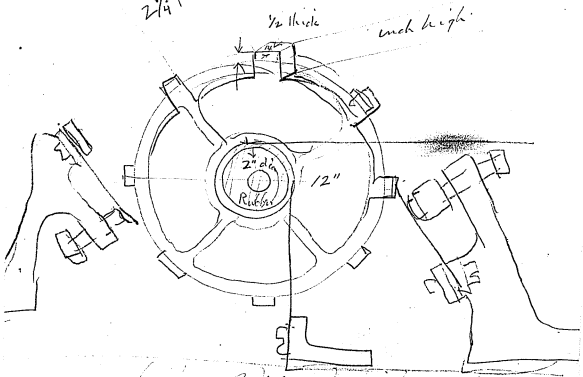
From the Laboratory
of
Thomas A. Edison.

Furnished

Subject, _____

Orange, N.J.

2½ part.



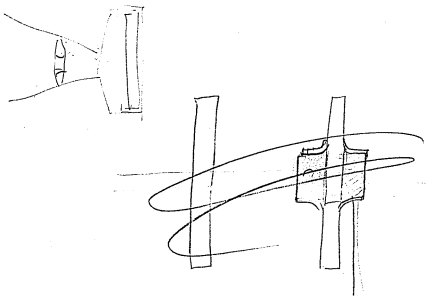
Stethoscope :
Fluorescent Lamp

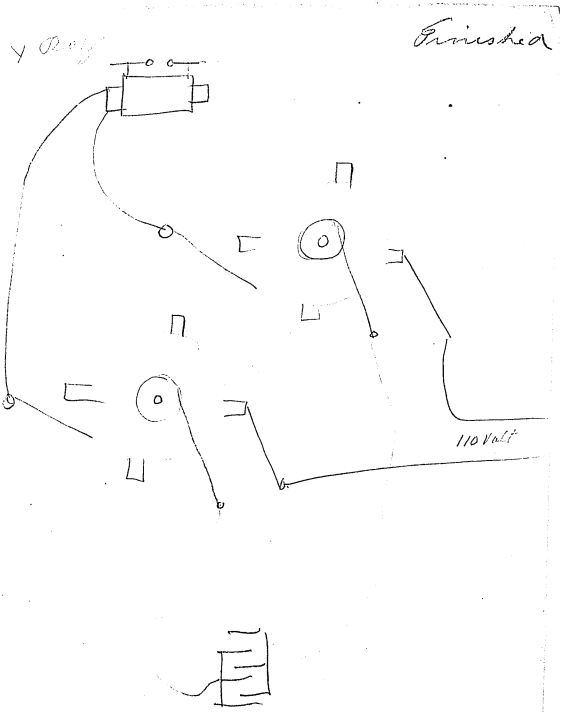
"Cable Address "Edison, New York."

From the Laboratory
of
Thomas A. Edison.

Orange, N.J.

Subject,

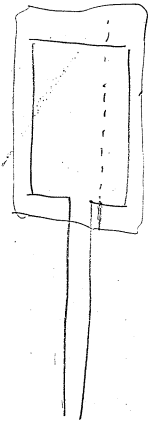



Finished
110 Volt

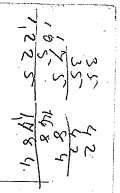
Cable Address "Edison, New York"

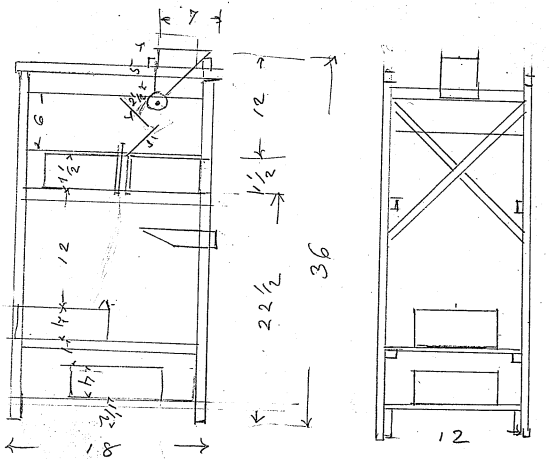
From the Laboratory
of
Thomas A. Edison.

Subject, _____ Orange, N.J. _____



3141.6
15.0
15708.0
31416
471240.0



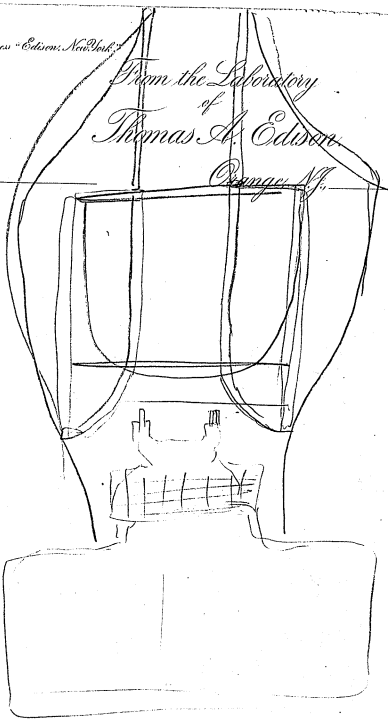


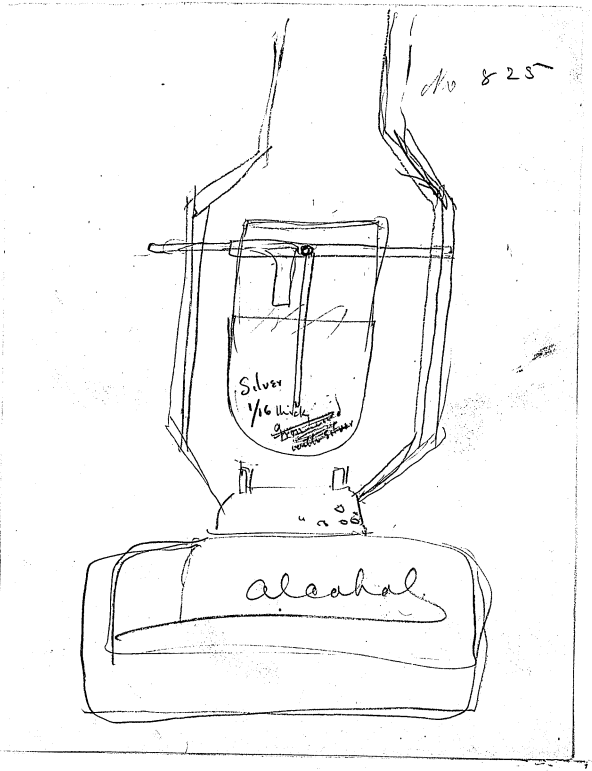

Sold Our Mill

Cable Address "Edison, New York"

From the Laboratory
of
Thomas A. Edison,
Orange, N.J.

Subject,




No 825
Silver
1/16 thick
alcohol

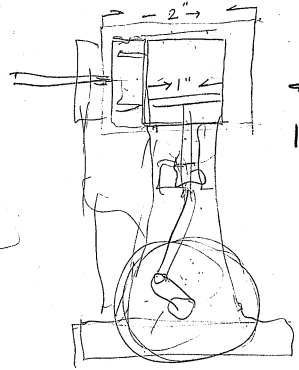
Cable Address "Edison, New York."

From the Laboratory
of
Thomas A. Edison.

Subject,

Orange, N.J. @ 10"

Weight 8 lbs




~~Engine~~

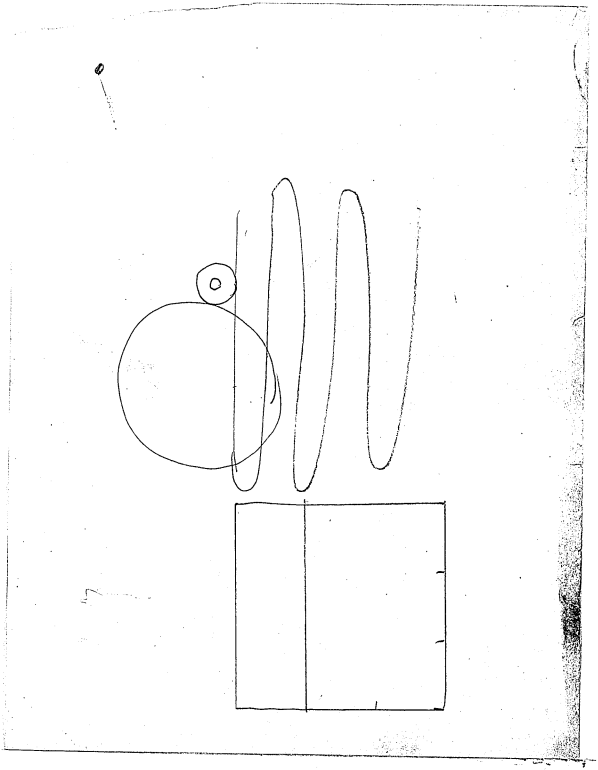
1" ~~Stroke~~ stroke

piston Valve

Small pump

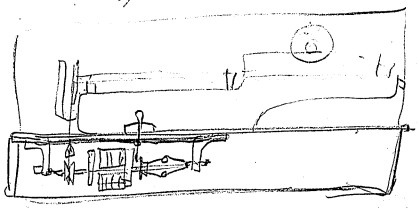
speed 500 ~~RPM~~

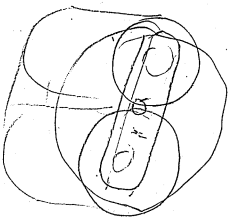
Compound Eng

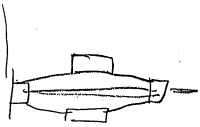


Finished

Pinning with two
spool Motor



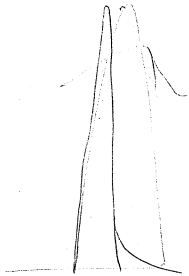




Cable Address "Edison, New York"

From the Laboratory
of
Thomas A. Edison.

Subject, _____ Orange, N.J. _____

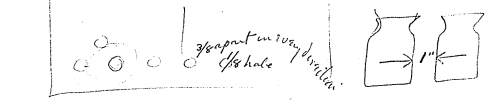


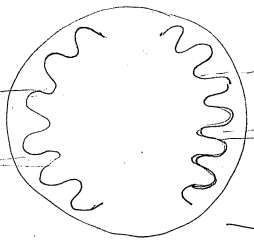
"Cable Address "Edison, New York"

From the Laboratory
of
Thomas A. Edison.

Subject,

Orange, N.J.



1/32 sheet lead

Cable Address "Edison, New York"

From the Laboratory
of
Thomas A. Edison.

Subject, _____ Orange, N.J. _____

Edison #2

Reg coil Reg Primary #36 Iron wire
coil used Vibrator 3 cells Storage
battery 3.7 amperes fair result better
than General Elec not as good as
New Comp 4 cells Not as good as New
Long's better than General Elec 4.5 amp

2,5 My

Test on coils for X Ray
Sept. 96
30,000

6 cells 2.1 Amp

Cable Address "Edison, Newark"

2.9

From the Laboratory

of

Thomas A. Edison.

Subject, _____ Orange, N.J. _____

Edison # 2

Reg cell Reg Primary 36 Iron wire

Close 6 cells Leland battery 2.8 Amps.

Poor 6 " " " 3 "

very Poor

2.5 7m 7

8 cells 3.16
Cable Address "Edison, New York" 2.19

From the Laboratory
of
Thomas A. Edison.

Subject, _____ Orange, N.J. _____

Edison #1

Reg coil Reg Primary #36 Iron wire
Core 8 cells Leland Battery 3.6 amp.
Ammeter reads
6 cells Battery 2.9 amp fair

2.5 M y

Cable Address "Edison, New York."

From the Laboratory
of
Thomas A. Edison.

Subject, _____ Orange, N.J. _____

General Elec Lamps

Reg Coil Reg Primary # 36 Iron wire
does 3.6 Amps used Vibrator 3 cells Storage
battery 76 Volts good results
New Lamps.
4 cells Storage battery 8 volts
4.8 Amps

2.5 M/f

3.1

Cable Address "Edisons, New York."

From the Laboratory
of
Thomas A. Edison.

Subject. _____ Orange, N.J. _____

Edison #1

Reg coil Reg Primary #36 Iron wire
core Vibrator 3 cells Storage battery
3.1 Amps ears about the same as Gen
Elec with 3 cells except that Edison
Lamp has longer range and sharper
Shadows 4 Cells little better than
Gen-Elec 4. 4 Amps

2.5 M 4

Cable Address "Edison, New York."

From the Laboratory
of
Thomas A. Edison.

Subject, _____ Orange, N.J. _____

Edison #2

Rug coil #Primary #14 Iron wire 2 layers
7 Cell Leland battery 5.4 amps fair
6 " " " 5.4 " Poor

2.5 Dec 4

3, 24

Cable Address "Edison, Newyork."

From the Laboratory
of
Thomas A. Edison.

Subject, _____ Orange, N.J. _____

New lamps

Reg coil Reg Primary #26 from arrie
Core (3.6 amps 6 cells Galvanic Battrys
excellamp 6 cells very good 2,9

2,5 my

Cable Address "Edison, New York"

From the Laboratory
of
Thomas A. Edison.

Subject, _____ Orange, N.J., _____

New Lamps 2.5 M.A.

Regular coil - Reg - primary
#36 Dyn. wire coil 3.5 Amps
with Vibrator 3 cells Storage battery
Results excellent — with 2 cells very fair
3 amps

General Elec X Ray lamps

Reg Coil Reg - Primary #36 Dyn wire coil
3.5 Amps Vibrator 3 Cells Storage battery
Work as good results with this lamp as with
New lamps 4

8 cells 3.6 amp
2.9

Cable address "Edison, New York."

From the Laboratory
of
Thomas A. Edison.

Subject, _____ Orange, N.J. _____

General Elec

Reg coil Reg Primary #36 from
wire core 8 cells Leland Battery 3.6 amp
excellent 6 " " " 2.9 "
very poor

2.5 M Ω

2 cells 6.5

Cable Address "Edison, Newarkjack."

From the Laboratory
of
Thomas A. Edison.

Subject, _____ Orange, N.J. _____

New Lamp

Reg cork Primary #14 ...
2 layers

3 cells Storage Battery 9.5 amp cells
2 " " " 6.5 " very good

2.5 Mf

Cable Address "Edison, New York."

From the Laboratory
of
Thomas A. Edison.

Subject, _____ Orange, N.J. _____

Edison #12

Reg Coil Primary #14 Iron wire
2 layers
3 cells Storage Battery 8.9 Amps very good
2 " " " 6.13 fair

2.5 M.J

Cable Address "Edison, New York."

3 cells 9, 2 6 2

From the Laboratory of

Thomas A. Edison.

Subject, _____ Orange, N.J. _____

Edison #2

Reg Coil Primary # 14 2 layers

3 Cells Storage Battry 9. amps good

2 " " " 6,12 " fair

2.5 M Z

3 cells Storage

Cable Address "Edison, New York."

From the Laboratory
of
Thomas A. Edison.

Subject, 1 Condenser Orange, N.J.

Reg Coil Primary #14 Iron wire core 2 lays

3 Cells Storage Battery 9 c Amp
better than with 15 core
2 cells. 6.7 " very good

2.5 MF

6. 5, 13

Cable Address "Edison, New York."

From the Laboratory
of
Thomas A. Edison.

Subject, _____ Orange, N.J. _____

New lamp

Reg coil Primary #14 iron wire core
2 layers
4 cells Leland Ballery 6.6 amp Beating
" " " 5.13 " Spelling

2.5 M

Cable Address "Edisons, New York."

6 cells 5.6
6 " 5.4

From the Laboratory
of
Thomas A. Edison.

Subject, _____ Orange, N.J. _____

General Elec

Reg Coil Primary #14 Iron wire core
2 layrs
8 cells Leland Battery 6.4 amps very good
6 " " " 5.4 " good

2.5 M ft

7 cells 5.8

Cable Address "Edison, Newark."

6 " 5

From the Laboratory

of

Thomas A. Edison.

Subject, _____ Orange, N.J. _____

Edison # 1-

Rig coil #14 Iron wire 2 layers Primary

7 cells Leland Battery 6.2 amp

Excellent " " 8. "

6 cells " " Very Good

7 " " " 5.8

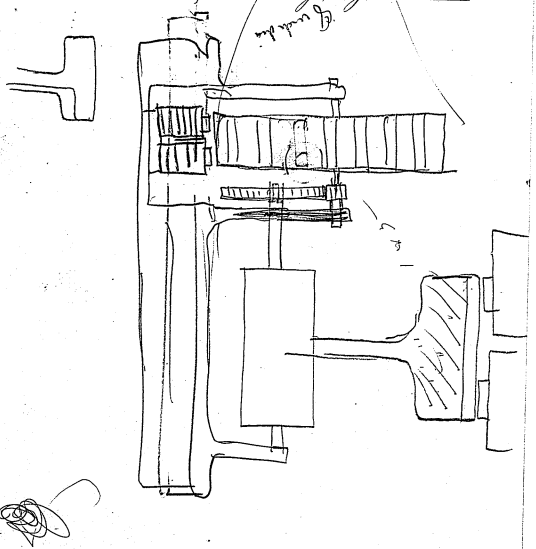
2.15.7417

Cable Address "Edison, New York."

From the Laboratory
of
Thomas A. Edison.

Orange, N.J.

Subject.



Cable Address "Edison, New York."

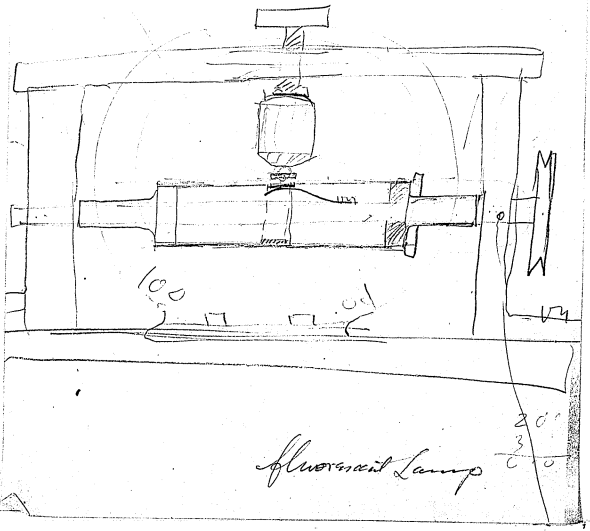
Motograph
Principle

From the Laboratory
of
Thomas A. Edison.

To Roy

Subject,

Orange, N.J.

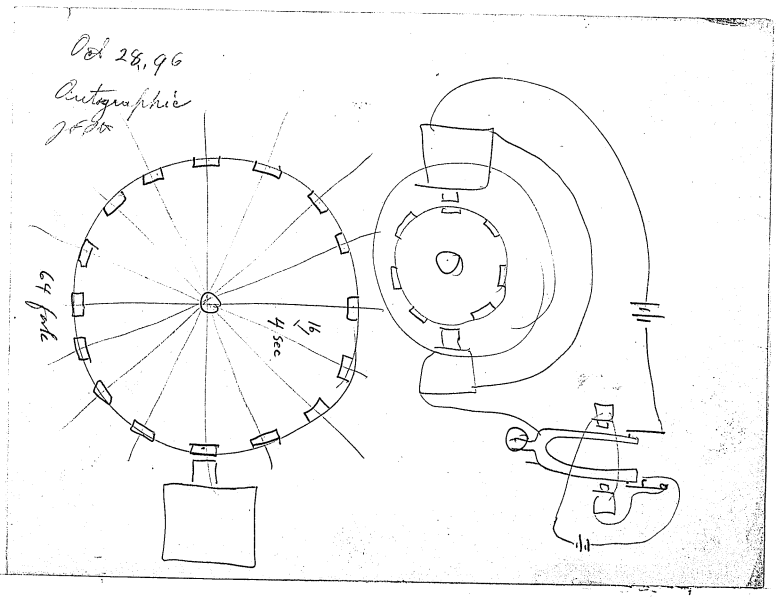


Fluorescent Lamp

Oct 28, 96

Autographic

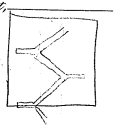
JFB



Cable Address "Edison, New York."

From the Laboratory
of
Thomas A. Edison,
Orange, N.J.

Subject.

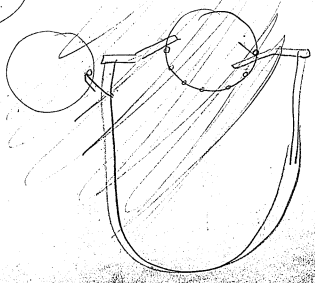


50
60
3000.

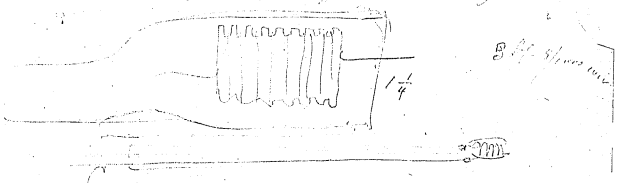
40-

80/1000 to 3rd best, on explosion

3/64=

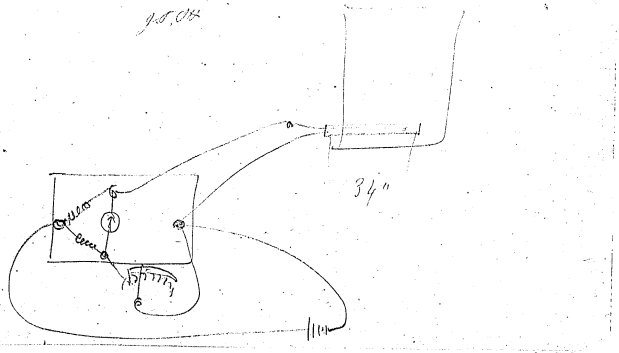


Dec 21.96 Pyrometer J.S.Dk




Dec 21 96 Pyrometer

J.S.Dk

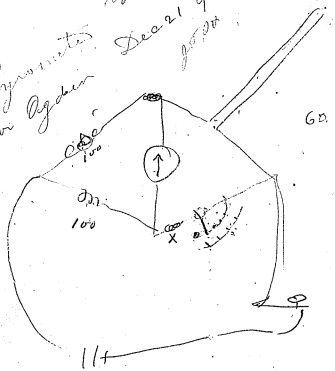


37 ohms @ 20°C 68°F

Bridge 22°C

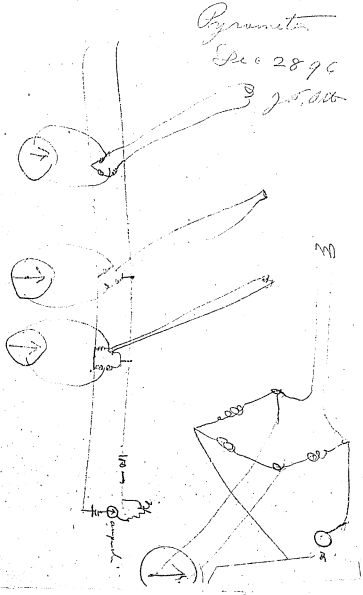
Dial 1/100

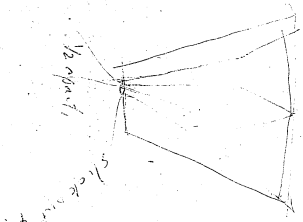
Pyranometer Dec 21 94 for Ogden

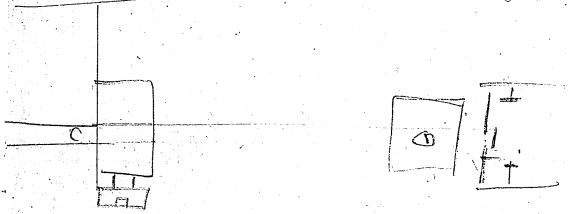
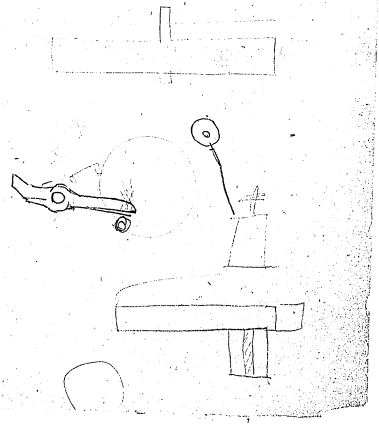



X fixed to equipment plant at 60—

Pyranometer Dec 28 9C






Read for Autzyraphic